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Since 1904

THE GW Hatchet

THE GEORGE WASHINGTON UNIVERSITY
Washington, D.C.

Monday, October 3, 1983

University appeals NRC sanctions



Photo by Tony Amico

The Mighty Invaders perform at Friday night's reggae dance in the Marvin Center, before a crowd of about 300.

by Will Dunham and Paul Lacy

Hatchet Staff Writers

University officials, calling Nuclear Regulatory Commission (NRC) findings "unwarranted," last week appealed the NRC's conclusions that 12 violations of NRC standards for the handling of radioactive materials in the Medical Center caused "actual or high potential risk" to the public and asked the NRC to eliminate a \$2,500 fine imposed on GW. The officials, however, did not dispute that the violations existed, and blamed employee negligence for many of the violations.

In a letter dated Sept. 26, officials in the Medical Center asked the NRC to downgrade its classification of the severity of the dozen violations from high risk to the public to one of "minor safety or environmental significance."

"The NRC's conclusions that there has been a 'significant breakdown in management oversight and control of the Radiation Safety Program,' when considered in the light of our overall radiation program, is [sic] unwarranted," the GW letter, signed by Associate Dean of Research Fred Leonard, stated.

"We're not arguing with the facts, we're arguing with their [the NRC's] interpretation of the facts," Leonard said in an interview Friday.

In their letter to the NRC, the GW officials disputed NRC allegations that Medical Center officials did not take steps to correct violations uncovered in a 1980 investigation. The letter said "there is no basis for the NRC contention that corrective actions were not taken promptly."

Last week's letter was the University's required response to an early September report that cited the 12 violations, which included improper disposal of low-level radioactive waste and failure to properly monitor waste disposal. The NRC fined GW \$2,000 and added a \$500 punitive fine because "corrective action was not taken promptly by the Medical Center when some of the violations were identified." The findings of violations stemmed from an unannounced on-site inspection by NRC

(See APPEAL, p. 13)

Official defends safety unit

by Will Dunham and Paul Lacy

Hatchet Staff Writers

Mark Selikson, GW's Radiation Safety officer, defended GW's program in radiation safety, claiming that despite the Nuclear Regulatory Commission's finding of "significant breakdown in management oversight and control" of the program there is no need for restructuring the office.

"I think my office is doing a good job ... people who work here work in a good environment; and people who work in the area work in a safe environment," said Selikson in his first public comment since the NRC released its findings in early September.

"Nobody runs a perfect program. Not every atom goes to the right place every time," he added.

Saying "Some of the [NRC] rules are overconservative and some of the rules are underconservative," Selikson said some of the violations represented staffers making individual interpretations of rules. For example, he said some employees may have neglected to use proper protective gloves in the past while injecting radioactive solutions for the purpose of x-ray because "gloves make finding the patient's pulse more cumbersome."

NRC investigators uncovered a dozen violations of federal regulations governing

(See SELIKSON, p. 6)

Forum on Lebanon draws fire

by George Bennett
and Chris Johnstone

Hatchet Staff Writers

A group of Lebanese students is irate over the Lebanese Student Association's co-sponsorship of last week's "Forum on Lebanon" with the GW Zionist Alliance.

"It's not appropriate for a Lebanese student organization to be co-sponsoring an event with a Zionist group," Ghassan Abdul Khalek, spokesman for the disgruntled students said. "How can you have a joint venture with someone who is occupying your south?"

Khalek, a Druze Moslem, said the GW Lebanese Student Association is composed mostly of members of the Christian Phalangist sect, which supports the U.S.-allied government of Lebanese President Amin Gemayel. "I think [the Lebanese Student Association] represents some Lebanese Students but not all," Khalek said.

GW Lebanese Student Association President Nabil Fahd said he believes his group, with "25 to 30" members, represents the approximately 50 Lebanese students at the University. "We are mostly Christians but there are Moslems. But we are Lebanese."

The GW Lebanese Student Association has offices in the Lebanese Information Center (LIC) at 1926 I St., NW. National Lebanese Student Association spokesman Akram Elias said the LIC has no formal ties with the Gemayel government. "We are not a government organization; but we present the view of the Lebanese forces [Phalangists] in Lebanon ... There is coordination between us and the Lebanese Embassy in some matters."

The Forum on Lebanon last week was sponsored by the Lebanese Student Association, the GW Zionist Alliance and the College Democrats. According to Fahd, "We brought the idea and contacted the Zionist Alliance and the College Democrats." Each group arranged for a speaker to participate in the panel discussion. The Lebanese Student Association chose Robert Basil, head of the American-Lebanese League.

Khalek said that he and other "Concerned Lebanese Students" who circulated a letter in response to the event were not consulted by the Lebanese Student Association when the event was being planned. "Why didn't they sponsor any events with the Syrians or the Palestini-

nians?"

Khalek also said he was displeased with the Lebanese Student Association's choice of speaker. "I was wondering if Bob Basil was really a lobbyist for Lebanon or for Israel," he said.

(See LEONON, p. 8)

NASA at 25

Administrator outlines future

by Todd Hawley

Science Update Editor

Twenty-five years ago last Saturday, October 1, 1958, the National Aeronautics and Space Administration opened its doors for business under the administration of President Dwight D. Eisenhower. Since then, NASA has been responsible for the development of a tremendous series of scientific and explorative missions, and has opened up

many major commercial areas that have changed the way mankind views itself and the way we do business as a nation.

NASA's myriad Explorer, Pioneer, Mariner, Viking and Voyager and other unmanned missions have brought to Earth glimpses of outer space, the planets and the universe that have opened our eyes to the wonders of the cosmos.

(See NASA, p. 14)

Nuclear freeze seen as 'critical issue' in 1984



photo by Pamela Porter

350 people walked to raise funds for the nuclear freeze campaign Saturday in the first annual "Freezewalk."

by Pamela Porter

Art. News Editor

The nuclear freeze will be the most critical issue in the 1984 Presidential campaign, Mary Dent Crisp, former Co-chairman of the Republican National Committee, said at a rally of 350 nuclear freeze supporters before the first annual "Freezewalk" on the Mall Saturday.

Crisp, a vocal critic of President Reagan, said in an interview later that she will definitely not support Reagan in 1984. She condemned his "lack of commitment to arms control," citing his nomination of Kenneth Adelman as the U.S. Arms Control Negotiator, his support of the MX missile and nerve gas, and his "bellicose attitude."

Although she said that she is "not ready to make a determination" about who she will support, Crisp said that she "wants someone who will make a commitment to arms control and peace."

Crisp was among many local

and national figures who addressed the rally organized by the D.C. Campaign for a Nuclear Weapons Freeze. "Peace is fragile, the administration is confrontational, and relations between the U.S. and the U.S.S.R. are deteriorating. I'm afraid for my children and my grandchildren, but I know we can do something about it," she said.

The Freezewalk's coordinator, Susan Abbott, opened the rally by encouraging the Senate to "go ahead and vote on the nuclear freeze resolution." She said that the public "wants to know how individual Senators feel, so that they can vote accordingly in the '84 election."

The Republican-dominated Senate Foreign Relations Committee recently voted down a resolution urging a mutual and verifiable freeze on nuclear weapons, although they agreed to send the measure to the Senate floor for a vote. A version of the resolution was passed in the House this summer.

D.C. Councilwoman Hilda Mason said that politicians must be pressured to support the freeze. "Nothing else you do in the next two years is more important than electing a president and Congress that support nuclear disarmament," she said.

"Keep walking, keep working and vote right," she told the cheering crowd.

The freezeworkers, described by one participant as "a very mixed group of all ages and backgrounds" wore blue armbands and carried placards on their 10 kilometer route.

"It's a good day for a walk," D.C. School Board member Eugene Kinlow said to the people standing in front of the Capitol in the drizzling rain, "because the stuff falling from the sky isn't radioactive."

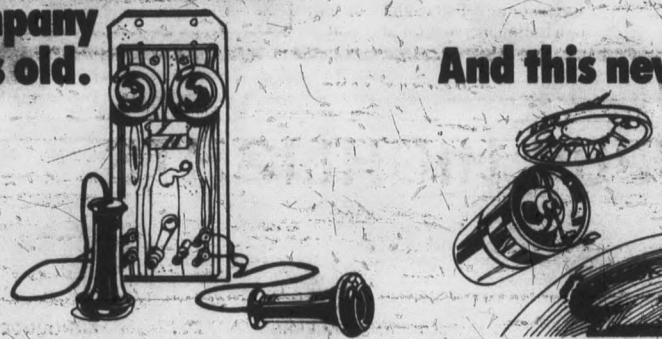
Funds raised in the walkathon will be used to "educate voters to use nuclear weapons as an issue," Abbott said. The group hoped to raise a total of \$1 million in the freezework held across the nation on Saturday. The purpose of Saturday's rally and walk was to "kick off the 1984 effort to make an impact on elections," she added.

'84-85 budget to be announced Thursday

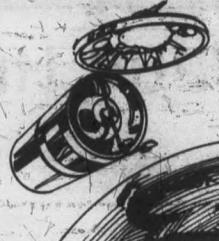
The Budget Office will be announcing its 1984-85 budget, including tuition increases and staff and faculty salaries, Thursday afternoon in a meeting for selected administrators, student leaders and faculty. William D. Johnson, director of planning and budgeting will be leading the session.

"There is already a \$270 tuition increase built into next year's budget," GW Student Association (GWUSA) Bob Guarasci said at the first GWUSA senate meeting Sept. 15. "The real question is how much over that the increase will be," he added.

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GW deficit is \$2.6 million

by Virginia Kirk
Editor-in-Chief

The University experienced a \$2,670,000 deficit for fiscal year 1983 but Director of Planning and Budgeting William D. Johnson has projected a \$750,000 surplus for this year.

Johnson had predicted in the spring that the deficit could go as

high as \$3 million after projecting a \$2.5 million deficit to the Board of Trustees in January. "There was a period during late spring where I began to get concerned that maybe we'd go above that (\$2.5 million) but we were able to work that out."

Johnson said he would actually put the deficit at about \$2.5

million, discounting the unused annual leave of GW employees that must be listed as a liability when the fiscal year ends in June since most employees do not take their leave until July or August. This is a new accounting convention that the University began in 1981. Johnson said he was "not acquainted yet with the details of

what made the deficit" but added that the previous year's deficit and last year's five percent enrollment decline were contributing factors.

Johnson was able to predict a surplus for this year because of "some pretty austere budget philosophy." He said his office is "simply reducing expenses to stay

Correction

The GW Hatchet reported only the figures for graduate students in the School of Engineering and Applied Science in the Sept. 29 issue. The entire school had an enrollment of 2,453 this year as opposed to 2,505 students last year. The school's enrollment fell by approximately two percent. It

was also incorrectly reported that the Division of University Students had been projected to have an increase of 108 students when that number was actually the difference between the projected enrollment of 1,875 and the actual figure of 1,983.

within income." However, because of this year's drop in full-time undergraduates, "we will miss our tuition estimates by a little bit" and the surplus may not be as large as \$750,000. Whatever money is in surplus this year will be used as the first part of the pay-back plan of the University's cumulative \$6 million deficit from the past two years.

"In terms of some actuality, what we've done is gone from a deficit in one year of \$3.5 million to \$2.5 million the next year in spite of a five percent decrease in the student body. In my opinion we have a reasonable chance" to finish this year with a surplus.

During the next week the budget office will be putting together the budget for 1984-85 after having received approval in principle from the budget committee. "Fifty-one weeks a year the budget office is open to everyone ... At this point I have advice from the budget committee, I don't need advice from anyone else. I would couple that with a reminder that after next week, this will all be out in the open and subject to the scrutiny anyone wants to give it," Johnson said.

Johnson refused to comment or speculate on whether there would be a tuition increase for next year.

CAMPUS HIGHLIGHTS

MEETINGS

10/3 GW Gerontological Society presents program on career development and job opportunities in the field of aging. Speaker will discuss career counseling resources at GW. All interested students are welcome. Alumni House lounge, 7 p.m.

10/3 Political Science Honor Society will hold an organizational meeting. All interested political science majors are invited. Marvin Center 418, 8 p.m.

10/4 Student Procurement Mgmt. Society invites all students and interested persons to hear Rear Admiral Joseph Sansone speak on "Career Opportunities and Improving Professionalism in the Acquisition Field." Marvin Center, 426, 6-8 p.m.

10/4 GW Zionist Alliance meets Tuesdays. Open to all enthusiasts. Marvin Center, 417, 7 p.m.

10/4 GW Aikido Club holds regular practices every Tuesday and Thursday. Practices are coed. All are welcome. Marvin Center 429, 7:30 p.m.

10/4 Marketing Club sponsors speaker presentation. Govt. B04, 8 p.m.

10/4 World Affairs Society presents speaker Ernesto Rivas-Gallont, El Salvadoran Ambassador. Location TBA, 8 p.m.

10/4 Newman Catholic Students meet to discuss "Opportunities for Service: Activities of Newman Social Justice Committee." Newman Center, 2210 F St., 8:30 p.m.

10/5 C.A.R.P. presents speaker Michael Makarenko, Soviet political prisoner, and a 15-minute documentary film on anti-KGB activity in the USSR. Marvin Center, 410, 7 p.m.

10/5 American Chemical Society Student Affiliates sponsor "Chemical Career Insights '83." Chemists will present a program describing their experiences in the field. Also, a look into careers available for the chemistry major. Marvin Center, 426, 7:30 p.m.

10/7 Chinese Student Assn. will hold their first practice for the 1983 Tzu-Chiang cup basketball tournament. For more info call Michael Yim at 293-5693. Northwest High School, MD, 8 p.m.

10/7 Psy Chi-Psychology Club presents

speakers on what graduate school programs in many fields of psychology are like—requirements, deadlines, all the facts to consider. Preceded by informal socializing. Marvin Center, 413, 4-7 p.m.

10/7 Hillel Jewish Student Center holds Shabbat service and dinner for the novice—ask questions, learn about Jewish customs and enjoy the experience. Stop by Hillel to make a reservation for the dinner, which follows services. Cost of dinner is \$5, \$4.50 for Hillel members. For more info call 338-4747. 2129 F St., 6 p.m.

ARTS AND ENTERTAINMENT

10/3 GW Hillel Israeli Dancers meet Mondays. GW students 50 cents/session, Hillel members free. Marvin Center, Continental Rm., 7 p.m. Beginner, 8:15 p.m. intermediate, 9:15 p.m. Requests:

10/3 GW Music Dept. presents faculty recital with Mary Findley, violinist and Frank Conlon, pianist. Marvin Theatre, 8 p.m.

10/4 GW International Folk Dancers meetings Tuesdays. Marvin Center, Continental Rm., 7 p.m. folk dance styles: 8:15 p.m. multi-level instruction; 9:30 p.m. requests. Beginners are welcome and encouraged to attend 8:15 p.m. session.

10/6 Kappa Kappa Gamma is sponsoring the fashion show "A Flair for Fashion" to benefit the Easter Seal Society for disabled children and adults. The show will be presented by Saks Fifth Avenue and will revolve around women "Dressing for Success." Call 223-3423 for ticket info. Marvin Theatre, 7:30 p.m.

10/6 Depts. of Classics and Religion invite those with some knowledge of Greek to meet for leisurely reading of New Testament (Acts) in Greek. Bring lunch if you wish. Bldg. 0-102A, 12:30 p.m.

10/7 Hillel Jewish Student Center presents talented actress Sally Fox, who portrays a multitude of characters and involved the audience in helping solve their dilemmas. Free. 2121 F St., 8 p.m.

10/6 Program Board presents "Creep Show." Admission \$1. Marvin Center Con-

tinental Rm., 8 & 10:30 p.m.

10/7 Program Board presents "Texas Chainsaw Massacre." Admission \$1. Marvin Ctr. Continental Rm., 8 & 10:30 p.m.

JOBS AND CAREERS

The Student and Alumni Career Services Center, Acad. Ctr. T-509, is offering the following workshops and presentations to GW students and alumni:

10/3 How to Use the Career Services Center, 9:45 a.m.

10/4 Job Search Strategy, 12:15-1 p.m. How to Use the Career Services Center, 4:45 p.m.

Effective Interviewing, 5:15-6 p.m.

10/5 Resume and Letter Writing, 12:1 p.m. How to Use the Career Services Center, 5:15-6 p.m.

10/6 How to Use the Career Services Center, 12:15-1 p.m.

Job Search Strategy, 5-6 p.m.

10/7 How to Use the Career Services Center, 11:15-12 p.m. Resume and Letter Writing, 12:1 p.m. Job Search Strategy, 1-2 p.m.

Requests for on-campus interviews with the following firms and organizations at the Career Services Center, during the week of October 17-21 will be accepted until Friday, October 7:

10/17 CIA; FBI

Coopers & Lybrand

Automation Industries, Inc.

Paradyne

Satellite Business Systems

Snyder Newrath & Co.

10/18 Comshare Corp.

Chemical Bank (Delaware)

10/20 IBM (presentation)

GTE

US Air Force

US Naval Recruiting, US Naval Surface

Weapons Ctr.

10/21 Kmart Apparel Corp.

MIR Systems

US Navy - David Taylor

Student and alumni wishing to participate in interviews must be within one year of graduation and activate a credentials file. For more info, visit the Center at Acad. Ctr. T-509.

ANNOUNCEMENTS

10/5 GWU Friends of the Libraries present Charles Herber, Associate Professor of European History, speaking on "Reflections on 300 years of German Immigration to America." Gelman 202, 2130 H St., 12 Noon.

The Staff of Generals is a new organization with the objective of integrating the relationship between resident students and commuting students. For more info call Allen Stamps at 328-8779.

Catalogs for the Personal Development Series sponsored by the Counseling Ctr. are available around campus and at the Center, 718-21st St., NW Bldg. N. To sign up for a specific group or workshop, call 676-6550.

Single and Somewhat Shy, a workshop sponsored by the Counseling Ctr., begins this Monday, 5:30-7 p.m.

Unlocking: Get Off Your A.B.D., a group for grad students whose dissertations and theses are stalled, begins Tuesday, 6:10-8 p.m.

The Manana Syndrome for procrastinators begins on Wednesday, 5-7 p.m.

Time Mgmt. and Instant Study Skills will meet Thursday, 4:50-6 p.m. in the Marvin Center 5th Floor Lounge.

Reducing Stress and Tension, a short group that will demonstrate relaxation techniques will meet on 10/11 and 10/13, 2-3 p.m.

Campus Highlights is printed every Monday. All information dealing with campus activities, meetings, socials, special events or announcements must be submitted in writing to the Student Activities Office, Marvin Center 425/427 by WEDNESDAY NOON. All advertising in this section is free. Student Activities reserves the right to edit and/or abridge all items for matters of style, consistency and space.



photo by Tony Amien

The Mighty Invaders exhorted the crowd at Friday's reggae dance party sponsored by the Caribbean Student Association.

Editorials

GW's glowing response

In light of the 12 violations cited against the Medical Center by the Nuclear Regulatory Commission (NRC), Radiation Safety Officer Mark Selikson said that the University will be relying on upgraded educational programs within the departments that are licensed to use radioactive materials to avoid such violations in the future.

Current NRC regulations require that institutions that are licensed to use radioactive materials provide special safety classes to the individuals who will be handling those materials. These classes are designed to familiarize individuals with the federal regulations and intricacies involved in working with such materials.

Increasing the intensity of such existing educational programs, as GW officials have suggested, will likely have little effect on employees who currently disregard NRC regulations for their own interpretations of what these regulations should be.

The violations that occurred because some employees chose to disregard NRC regulations in favor of their own interpretations showed little intelligence on the part of those employees. They not only endangered themselves and the patients they worked with but the University's NRC licensing as well.

Repeated offenders should be threatened with dismissal or removed from departments where they are required to use radioactive materials.

Some in the Medical Center have suggested that the violations were not serious and that they do not warrant the response suggested.

But Selikson said it best when he called working with radioactive materials a "privilege." This privilege is granted by NRC licensing and the NRC guidelines which come along with the licensing must be followed. The NRC establishes guidelines to protect the public and individuals who follow their own belief of what the guidelines should be might very well be placing the public and themselves in danger.

Cut Cherry Tree deficit

It is time the *Cherry Tree*, GW's yearbook, made some realistic expectations of what it can be so more students will want and be able to buy it. The *Cherry Tree* stacked up a \$4,000 deficit last year. Now is the time to end a trend of deficits before it gets to be routine for expenditures to exceed the budget.

When formulating the budget, the yearbook staff should take a close look at exact (recently lower) enrollment figures and make lower estimates on how many books they will sell. Perhaps the staff should also try to make the yearbook more available to students by lowering the cost and making it more readily available to purchase.

\$25 for a yearbook is a lot of money to spend for students. Maybe students would be happier to pay \$18 for a yearbook that does not have as many color pictures as it does now, even if it had more advertisements.

If the *Cherry Tree* switched its publication date from fall to spring, then the yearbooks could be sold during graduation when mom and dad are here with money and the seniors still have an interest in their years at GW. Few people want to pay for something they won't see for four months.

Yes, times are tight but the *Cherry Tree* is an important publication at GW and if its new staff demonstrates a little more fiscal responsibility and foresight it could possibly return to its old days of breaking even and self sufficiency.

The GW Hatchet

Virginia Kirk, editor-in-chief
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Letters to the editor

CARP's concern

I was shocked and horrified at the article that appeared in the Monday, Sept. 26, issue of the *GW Hatchet*, entitled, "Secrecy of CARP makes other groups wary." Just 10 days prior to that I had been interviewed extensively by a representative of the *GW Hatchet* for an article to be placed in the Interlude section of the paper, in a two-part series on the religious groups on campus. During the interview I discussed very deeply and thoroughly the goals of CARP, activities that CARP was sponsoring at GW and the motivation behind all of the events which CARP was planning. A very thorough article could have been composed out of that information.

However, the *GW Hatchet* chose to single out CARP from among all other religious groups and to totally discard all of the information and personal comments that had been given, and to completely exclude any mention of CARP in the Interlude special feature on religious groups. Instead a very hasty "interview" was conducted by phone with CARP's regional director, and about four questions were posed to me directly by Paul Lacy, the author of the article. So rushed and superficial was his manner that he totally misquoted Mr. Jamison, the CARP Washington regional director. Mr. Lacy said in his article that CARP receives its funds from "autonomous donations from the Unification church," when, in fact, CARP has never received even one penny from the church. This is in direct conflict with what Mr. Jamison told him on the phone, and Mr. Lacy stands in the position to be accused of deliberate or careless libel. All CARP chapters raise all funds for campus events autonomously.

Mr. Lacy then proceeded to interview Mark Fisher, president of the GW College Republicans, about his personal opinion of CARP. The title of the article and its opening tone were taken from comments made by Mr. Fisher.

who said that he was reluctant to work with CARP because, "they reserve rooms, have speakers, and people do not know what their group stands for."

Obviously Mr. Fisher did not attend our invited speaker last week, Mr. Lev Navrozy, a Russian dissident, who spoke at length on the Soviet mentality that led to the destruction of the KAL flight 007. Obviously Mr. Fisher did not hear my own introduction in that program, attended by over 150 GW students and faculty, as I explained CARP's function was to inform the University community about Marxist-Leninist communism. Furthermore, Mr. Fisher has not posed one single query to me, as president of CARP at GW, even though I personally handed him an announcement about the speaker several days before the event. Nor has Mr. Fisher ever asked a single question or requested a shred of information about CARP, either from our information table at the Student Activities fair or by contacting our Washington D.C. CARP headquarters. The phone number for CARP, like that of all other student groups is available for the asking at the Student Activities Office in the Marvin Center.

Paul Lacy took great care to ignore all relevant information about the goals of CARP, which are to engender in students high moral values; to stimulate a sense of public mindedness, in lieu of self-centered attitudes; and to expose the fallacies and the inhumane reality of communism in the world today.

Is this the kind of unequal and unfair attention that the *GW Hatchet* has to offer to student groups to which it does not particularly take a liking?

Carol Matsuchi

IMF in trouble

Your editorial of Sept. 29 asserts that it is the responsibility of the United States to come to the aid of the IMF and that failure to do so would send severe shock waves through the international economy.

I agree that it is the responsibil-

ty of the U.S. to aid developing nations through the IMF, but it is also the responsibility of the developing nations to use that aid wisely.

In their rush towards economic development, many nations have ignored glaring, yet mundane, social and structural problems in favor of glamorous high-tech projects which drain the economy and feed the pockets of the ruling élite. It is this sort of imprudence which leads to the balance of payment deficits and pleas to the IMF for more help.

An additional influx of \$8.4 billion U.S. dollars, as advocated in the *GW Hatchet*, only serves to perpetuate this waste.

Restraint is needed on the part of all concerned.

First of all, developing nations need to concentrate on building upon resources readily available to them using appropriate, not extravagant technologies. Secondly, the U.S., the IMF and the international bankers need to establish tighter conditions on aid and enforce these conditions instead of abandoning them at the first sign of instability. And thirdly, realism needs to prevail. Claims that foreign economies will collapse causing disaster for U.S. banks and workers only serve the cause of those who claim they need more aid. And those who advocate a total cut-off of U.S. aid ignore its legitimate role in promoting a strong world economy.

The U.S. cannot and should not abandon the IMF. But it also cannot become the world financier, handing out dollars each time the nations internal mistakes spill over into the world economy.

Greg Barker

The *GW Hatchet* welcomes letters to the editor and signed columns from students, administrators, faculty members and other members of the University community, on national, local and campus issues. Letters should be brief and typewritten; the *GW Hatchet* cannot guarantee publication of submitted material. All submissions must include the writer's name (although the editors may withhold it upon request), phone number, academic year and major. Deadlines for letters and columns are noon Tuesday for Thursday's edition and noon Friday for Monday's edition. All submitted material becomes property of the *GW Hatchet*.

Opinion

Pot opponents should argue positions, not morals

Professors Chaves and Moser have written to object that two students in my class in Legal Activism elected to participate in a legal project opposing the government's efforts to spray marijuana growing on public lands with paraquat. Since both went beyond simply setting forth their opposing positions, and accused us all of acting immorally or irresponsibly, a response is required.

First, there are often strong moral arguments which can be made on both sides of many issues,

John F. Banzhaf

with which our courts deal; e.g., abortion ("murder of unborn vs. reproductive rights"), the "Baby Doe" rule ("killing helpless infants" vs. "invasion of family privacy"); pornography ("degrading women" and "filth" vs. "freedom of speech" and "censorship"), etc. Rational debate and resolution of these controversies is not facilitated when one side presumes to know the answers to difficult moral questions, and attacks the morals rather than the positions of the other side.

Second, no matter how serious the problem of drug abuse (or any other problem) is in our society, virtually everyone would agree that any remedial programs must

be carried out in accordance with the law. If our Constitution stands for anything, it is for the proposition that the government cannot act illegally, no matter how serious the problem; a lesson we should have learned from Watergate. To argue, as the professors seem to, that the seriousness of the drug problem makes any opposition to paraquat spraying immoral, is to ignore this important principle.

The primary argument in the law suit is that the spraying program could cause serious environmental hazards to innocent citizens who happen to live in the area. The suit was brought originally by the Sierra Club and several other well-known and responsible environmental organizations, and was later joined on different grounds by NORML.

A federal statute requires careful study of any such hazards prior to the initiation of such programs—a requirement the government was aware of since it was applied with regard to paraquat spraying in Mexico several years ago. Judge June Green, hardly an immoral pot-smoking hippie—indicated that the government had failed to comply with this requirement. The government's acquiescence in this ruling, and their failure to seek appellate review, is some indication that the program was in violation of the law, regardless of how serious the

drug problem is.

Third, I would suggest to Professors Chaves and Moser that the course serves an important public function in encouraging law students and others to seek resolution of their grievances through the legal system—the mechanism provided by the government for their lawful and proper resolu-

tion—rather than by using various illegal means. Persons who believe that legal redress is not available, or that they cannot get their "day in court," will be far more likely to turn to the means of questionable legality such as civil disobedience or to criminal acts such as vandalism, sabotage, etc.

Demonstrating that the legal

system can be responsive to legitimate grievances, even if the grievants and their views are looked down upon by others, is important public service in itself, even if some may disagree with the issue being raised.

John F. Banzhaf III, is a professor of law at the GW National Law Center.



GWUSA needs power over Program Board's budget

"The George Washington University Program Board shall be an autonomous agency of the Student Association and shall be governed in accordance with the Program Board Charter."

There is something at this school called the Program Board and if you are a new student like me you probably won't know what that is, why it is important or what about it could be possibly interesting enough to justify being the subject of this column.

In fact, if I didn't already know anything about it I probably would not have written it.

That would have been a mistake though, because the Program Board gets most of the Student Association's money. It also would have been a mistake because there is a real possibility that the Program Board could do anything it liked with its money without anybody in any other branch of student government having a say in it.

And, for me, \$119,000 is quite a bit of pocket change.

To understand this weird and unnatural situation we will have to walk back into some history which, surprisingly enough, is pretty interesting.

A couple of years ago there was a GWUSA President by the name of Doug Atwell. Although Doug was president he wasn't real popular in some circles; circles

like the GWUSA Senate. Actually, thinking about it for a second, the Senate must not have been very fond of ol' Doug, because it tried to impeach his butt right out of office.

For whatever reason, bad luck, ineptitude, off-beat bio-rhythms or divine intervention, the impeachment conviction failed by one vote.

Needless to say this whole impeachment business caused no shortage of bad feeling within GWUSA.

This feeling crept and spread, like a big, juicy black beetle, to the student body itself, who probably got real sick

of their elected officials wasting a

lot of time and money on such

self-important, inane, worthless

and wholly masturbatory activities

like infighting and impeachment.

If I had been here I would

waged guerrilla warfare on the

fools. I don't care what the

circumstances, even if Mr. Atwell

deserved it, some other accord,

other than this naked grab for

power could have been reached.

In response to this mess, a movement sponsored by the student senators themselves, to take the most substantive, at least in terms of expenditures, agency out of the hands of GWUSA. This meant the Program Board.

The Program Board is traditionally allotted about 60 percent of GWUSA's money. This year they got 62 percent, \$119,000.

That is not a problem. The Program Board needs that much money if we're to continue to have them show films, put on concerts and co-sponsor events. The problem comes when and if GWUSA ever thinks that the money is being spent poorly and would like to do something about it. Nobody is sure if they can.

At least, that is what GWUSA President Bob Guarasci told me, and I tend to agree with him.

I quoted the text of the constitutional amendment at the

Edward P. Howard

beginning of this, so you could make your own decisions about it.

Can GWUSA freeze or take money back allotted to what is a separate branch of the government? When GWUSA gives this money to the Program Board without any specified restrictions included in the appropriation, doesn't GWUSA transfer sovereignty over that money?

I would lay down bucks that under the current situation if the Student Court had to rule on this that they would come down on the side of an autonomous Program Board.

The first reason is that the spirit of the amendment clearly desires the Program Board to have as much independence as possible,

and if some outside benefactor happens to like giving them money, for sure there would be strings attached that would apply to them. So why should they give up their sovereignty?

This situation with the Program Board is a kind of revenue sharing. I say a kind because it isn't GWUSA that keeps itself from saying how much, but because of the constitutional amendment that guarantees the Board's autonomy. So each time GWUSA gives this money up it gives up its ability to stop its own money from being abused, for even though GWUSA has good and explicit guidelines about being able to freeze or take back funds from other organizations, it has no special guidelines dealing with the very special situation with Program Board.

It would maintain the independent integrity of the Program Board if it had the right to make determinations on its own programs in accordance with the constitution, but still give GWUSA a means to have what is their legitimate right; a right to exercise some control and regulate abuses. Since there is no law that GWUSA has to give money to the Program Board, and since the Board gets most of its funding from GWUSA, this seems only fair.

The way to solve this it seems to

me, would be to include a line or two every year when the money is doled out specifying that money given to the Program Board is subject to the same regulations that every other group follows. And that before any money is appropriated the Program Board officers have to sign an agreement to this effect. That way the Program Board would still get its lump 60 percent sum to spend with it as it sees fit and GWUSA would have clear legal recourse if there ever comes a time when someone acts in bad faith with that money.

I should conclude by saying that there isn't any talk of bad money now at all and there isn't likely to be any major confrontations between the Program Board and GWUSA this year—the head of the Board and GWUSA president are former roommates and good friends. But government structures should always be designed to expect the worst case scenario, not the happy, lucky, scenarios. And when the money involved belongs to you and me, I would feel a lot better with no ambiguities and a representative say on how that money is spent that doesn't have to depend on best pals being elected to student offices.

Edward P. Howard is a sophomore majoring in political science.

Guarasci to decide

Minority affairs post discussed

by Chris Johnstone
Hatchet Staff Writer

Bob Guarasci, GW Student Association (GWUSA) president, will announce his decision on whether he will create the cabinet post of Vice President for Minority Affairs tomorrow.

Guarasci said he is satisfied that all interested parties had a chance to express their opinions on the issue at a forum on Saturday.

"I'm pretty happy with the range of discussion," he said. "I'm going to try to reflect on all that was said at the forum, and try to figure out which statements represent the feelings of the student body."

A proposal by Dan Buzby, GWUSA Vice President for University Policy, that the Vice President for Minority Affairs head up a minority affairs council made up of representatives from various student organizations met with the most positive response.

Bradford Berry, president of the GW Black Peoples' Union, said that his response to the creation of the new cabinet position would be positive, provided that a minority affairs council was included in the proposal.

The council is seen as a way of insuring that all minorities are equally represented in GWUSA.

Several speakers at the forum said they were concerned with the lack of minority involvement in GWUSA.

Of 21 cabinet members,

Guarasci said, five are women and none are minorities. Guarasci stressed that he has appointed "dozens" of women and minorities to various GWUSA committees below the cabinet level.

The position of Vice President for Minority Affairs would probably not be permanent, Guarasci said, but would require an "open-ended commitment" until

there is adequate minority representation in GWUSA.

If the position is created, Guarasci said, announcements will be placed around campus and in the campus press stating that GWUSA is accepting applications. Guarasci said he would then interview all the applicants individually, and come to a decision on whom to appoint, within two weeks.



photo by John Brasier

BPU President Bradford Barry was among those participating in Saturday's forum on minority participation in GWUSA.

Documents assert understaffing

SELIKSON, from p. 1
the handling of radioactive materials, which the Medical Center is licensed to use for clinical purposes.

Selikson's contention that no restructuring is needed in his department is contradicted by the Medical Center's required letter of response to the NRC's findings. The GW letter, signed by Fred Leonard, associate dean of research for the Medical Center, cited a "need for a new streamlined administrative structure in Radiation Safety" and said that such action was "being initiated as early as January 1983."

Selikson said GW has been supportive of his program. "The University has always been very good in devoting resources, both

manpower and capital equipment, to radiation safety ... I can't think of one request that has been turned down," he commented.

However, several NRC documents assert that Selikson has expressed staffing problems to the NRC since an NRC inspection in April, 1980. An NRC document dated June 16, 1983 stated, "the Radiation Safety Officer [Selikson] stated that he has had difficulty in maintaining full staffing due to turnover in personnel."

In addition, an NRC internal memo dated Feb. 24 said Selikson cited a "lack of manpower" as the reason for withdrawing a request to have the NRC allow GW to incinerate limited levels of low-level radioactive waste in

diluted solution form in four campus buildings.

Selikson denied that he cited a "lack of manpower" as the reason for withdrawing that request, instead saying "rapid" changes in waste disposal laws forced him to withdraw the request.

Since the NRC's 1980 investigation, the Radiation Safety

Office's responsibilities have increased greatly. The amount of clinical radioactive material monitored by the office has increased 10-fold and several new programs have been initiated.

Also, Selikson said he will rely on in-house educational programs to "ensure that we don't have a repeat of this [the violations] in the future."

GW profs featured at Smithsonian

Several GW faculty members were featured in a course offered by the Smithsonian Resident Associate Program last spring.

Thelma Levine, GW Elton Professor of Philosophy; Judith Plotz, associate professor of English;

Lilien F. Robinson, professor and chairman of art; Roy Guenther, assistant professor and chairman of music and Robert L. Combs, associate professor of English presented the course called "The Romantic Movement: Victory of the Spirit."

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GW to host Atari computer festival

GW will be hosting a 10-day free computer learning festival for D.C. school children, teachers and parents starting Wednesday sponsored by Atari, Inc. and General Foods' Post Cereals.

In part of a campaign to promote computer literacy across the U.S. more than 80 one-hour sessions will be led by professional instructors to give people hands-on experience with computers. The program will be held in the Academic Center and there will be an open house on Saturday and Sunday so families and individuals can informally work with the computers.

Five of the Atari 800 XL computer systems used for the

program will be donated to GW. More computers will be given to the D.C. Board of Education for continuing use by city residents. Participants in the program will learn a new computer language called Atari Logo.

GW students interested in participating in the tutorial sessions must register with the D.C. Board of Education at 724-4290.

The "Catch on to Computers" sessions will be held in 10 cities across the nation during October, November and December. More than 50,000 children, parents and teachers are expected to participate.

PAMSA conference fees source of debate

by Andrew Molloy
Hatchet Staff Writer

No agreement has been reached between the Public Administration Masters Student Association (PAMSA) and the Marvin Center Governing Board over whether the group can use the Marvin Center at no cost for a three-day conference next March.

"The principle determining point for the assignment of fees is in the defining of the intended participation by non-University personnel," said Boris C. Bell, Marvin Center director. The GW PAMSA is receiving approximately \$700 from the National Capital Area Committee (NCAC) of PAMSA and is expecting a large number of non-University students at the conference.

Governing board policy states that any group receiving funds or sponsorship from an outside organization is not eligible to use the Marvin Center for free.

PAMSA representative Laurie Lubman said that the group and the conference are closely tied to the University community and should therefore be given use of the Marvin Center at no cost.

Bell said that "the idea of non-University participants paying for the use of the center has long been viewed as a fair sharing of the burden." The Marvin Center is an independent body on campus and receives no funds from the University, he added.

PAMSA last held a similar conference here five years ago and was not charged for use of the center, Bell said. At that time they had not been granted any money

for the conference from the NCAC. The NCAC later contributed financing, but Lubman said PAMSA did not know at the time they were to receive outside funding and there was no attempt to withhold information from the Governing Board.

Members of the Board fear that if PAMSA is given use of the center at no charge it would set a precedent that could be financially damaging to the center.

The Marvin Center earns \$50,000 to \$60,000 annually by renting space to outside organizations.

In other business, the Board approved the office allocation recommendations of Merrill Kinstler, Building Use Chairperson.

Each year student organizations must re-apply for space in the Marvin Center. Permanent organizations such as the GW Hatchet, the GW Student Association and the Cherry Tree do not have to apply.

Nine of the 46 groups applying for office space this year had their requests denied.

Kinstler, who is also president of the GW College Democrats, made his recommendations on the basis of interviews with groups and his determination of their service to GW. Some space is still available and additional requests for space will be accepted in the next few weeks.

"We will be entertaining requests for space and I encourage groups that were turned down to re-apply at that time," Kinstler said.

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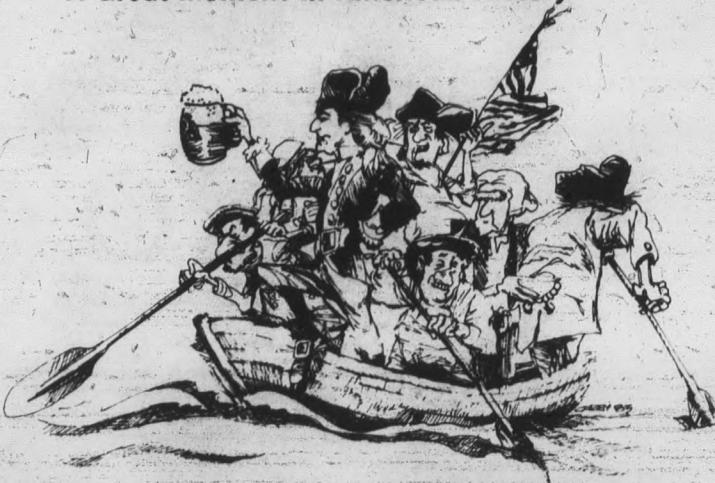
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photo by John Hrasnić

GW students spend a lazy afternoon tossing a football in front of the fire station on G Street.

Publications receive fall budget approval

by Richard Altman
Hatchet Staff Writer

The Committee on Student Publications met Friday to discuss budget proposals from the *GW Review*, the *GW Hatchet*, *Current*, the *Cherry Tree* and *Wooden Teeth*.

The *Review*, which requested \$1,964 for the fall semester, received \$1,500. The magazine's 11 staff members expect to publish two issues this semester, C.J. Hall, the *Review's* editor, said. The first issue will be published prior to Thanksgiving break with the final edition scheduled for

publication sometime before Christmas.

The *Cherry Tree*, which operated at a deficit of \$4,000 last year, did not submit a budget proposal. Editor David Rifkind said the organization should have a proposal prepared for the next committee meeting.

Current, which expects to publish seven issues this semester, requested \$845 from the Publications committee for this semester. It received \$700.

Clare McDonald, editor of *Wooden Teeth*, the GW literary paper, hopes to publish three issues this year; one this semester, and two in the spring. *Wooden Teeth* asked for and received \$1,460, with the condition that the organization will present a detailed budget at the next meeting of the Publications Committee, Oct. 28.

The Publications Committee said the amounts awarded to the *Review* and *Current* could be increased at the next meeting, depending on whether the Committee has to pick up any of the *Cherry Tree's* deficit.

In other business, Professor Eldor O. Pederson's request for a full committee hearing on his accusation that he was libeled by the *GW Hatchet* in an article last spring concerning his removal from teaching an introductory geography course was deferred until the next meeting since Professor Astere Claeysens, the committee's chairman, will be meeting with University lawyers Tuesday.

In his report to the Publications committee, Jan Williams, the *GW Hatchet's* general manager said, "We should just break even" for the year after paying off the loan for the newspaper's new equipment.

Lebanon forum creates new controversy

LEBANON from p. 1

Fahd discounted Khalek's criticism. Fahd said that because Khalek is a Druze, "That's enough for him to oppose any talk ... not to cause trouble, but to raise obstacles."

He added that he thought the Forum was "a good start to hear everyone's point of view ... I think it's better to talk than to fight."

Malone will give lecture

Paul Malone, associate professor of business administration, is scheduled to speak on "The Challenge of Getting Things Done Through People: A Historical Perspective" at 8 p.m. Wednesday in the third floor Continental Room of the Marvin Center.

It is the second in the Alumni Relations Office's series of First Wednesday Lectures. The lecture is free, but reservations must be made two days in advance.

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Students invited to Red Lion Row opening

by Raymond Lopez
Hatchet Staff Writer

GW will be holding an open house on Friday, Oct. 21, to celebrate the opening of the soon to be completed 2000 Pennsylvania Avenue of-

fice/shopping complex, according to Charles E. Diehl, GW vice president and treasurer.

The open house is scheduled to take place from 9 a.m. to 6 p.m. and the entire University community has been invited to attend,

Diehl said.

The opening of the renovation project culminates several years of planning and legal battles that cost GW approximately \$30 million. The new three story building will house everything from busi-

ness offices to restaurants, according to Diehl.

The first floor of the building has been kept in its old architectural form and will house restaurants and retail stores, Diehl said. He said that the 2nd and 3rd floors of the structure will house business offices.

Diehl said that this latest Land Bank project will have a favorable impact on the community as a whole. Within an eight-block area around the building, there are about 16,000 residents, 25,000 students and some 50,000 office workers. He said those people will find 2000 Pennsylvania Avenue a

convenient midway point between the stores and restaurants of Georgetown and those of D.C.'s downtown area.

The economic outlook for this project is encouraging, Diehl added, because the Red Lion Row complex will result in hundreds of new jobs.

The old Red Lion Row facade will have an archway that will act as the gateway to the school area.

The art department, under the direction of Professor Lilien F. Robinson, will hold an art exhibition in conjunction with the open house.

Professor tours Scandinavian prisons

by Nancy Braiman
Hatchet Staff Writer

A GW professor was part of the delegation headed by U.S. Chief Justice Warren Burger that toured correctional facilities in Sweden and Denmark this summer to study possible means of prison reform in the U.S.

Louis H. Mayo, GW vice president for policy studies and special projects, observed Scandinavian concept correctional facilities in August as part of a delegation that included Burger, Sen. Mark Hatfield (R-Ore.), and Norman Carlson, director of the Federal Bureau of Prisons.

Mayo and the other participants studied the Scandinavian concept of using correctional facilities as "factories with fences," as opposed to the more traditional American system of prisons.

The Scandinavian system attempts to train and educate inmates in skills that will enable them to enter the job market upon release, Mayo said. While incar-

cerated, the inmate's wages help finance the cost of his prison term and support his family.

In the United States, the sale of goods produced by prison inmates is prohibited, Mayo said.

Burger initiated the trip in response to escalating concern

over prison reform in the U.S., Mayo said. Forty-one states have been ordered to reduce prison crowding by the Supreme Court and it has been estimated that \$10 to \$15 million will have to be spent on new prisons within the next 10 years.

Judge to rule in Adkins negligence suit

The decision on whether the \$2.5 million jury decision against the estate of a former GW surgeon will be thrown out because of technical errors made by the judge during the trial this summer should be announced within the next two weeks, according to the lawyer for the prosecution.

Barry Nace is the lawyer representing Christiana Morton, the Southeast D.C. woman who claimed she was left paralyzed from the waist down after an operation at GW Hospital because of the negligence of Dr. Paul Adkins, the former chairman of GW's department of surgery who died in 1980. Nace said D.C. Superior Court William C. Gardner will soon make a ruling on Friday's hearing but said that there are "100 to one odds that he's going to do anything to change the plaintiff's decision ... everyone would be shocked if he didn't affirm everything the plaintiff had proved."

GW's lawyer, Joseph Montedonico, earlier said he would ask the Court of Appeals to throw out the decision or grant a new trial if Gardner does not overturn the decision. Montedonico was unavailable for comment this weekend.

Morton was operated on in 1975 and alleged in her suit that Adkins improperly closed her heart after operating on it, allowing an air bubble to block blood vessel supplying nerves to her legs.

-Virginia Kirk



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Arts

Images: an interview with Malcolm McDowell

by Elizabeth M. Coslin

"There are no small parts; no small parts, just small actors. And that really goes right across the broad spectrum of life. If you do something and you're proud of it and you're professional about it and you do it well, so what? That's two days as opposed to eight weeks."

So says veteran actor Malcolm McDowell, in town last week promoting his latest film, *Cross Creek*, which follows the life of Pulitzer prize-winning author Marjorie Kinnan Rawlings. In it he portrays the author's publisher, Maxwell Perkins, who appears in the film very briefly, and talks Marjorie into writing about her life at Cross Creek.

McDowell has been in many films, including *If...*, *A Clockwork Orange*, *Time after Time*, *Blue Thunder*, and *Cat People*, as well as stage performances in England's Royal Shakespearean Theater and *Look Back in Anger* on Broadway. The 40-year-old British actor appears with his wife, Mary Steenburgen, in *Cross Creek*. "I am an actor, not a star. There's a difference. I'm proud of what I do, a professional actor; to me that's a privilege," he said while lighting up a Dunhill cigarette. "I've never really played an American before and that was a nice change. It was fun to do." McDowell and Steenburgen also appeared together in the film *Time after Time*, and he talked about how it was like to work with the Academy Award-winning actress. "I love it, we work together very well." In fact, according to McDowell, the two will begin filming a new movie early next year.

"We are going to do a movie based on a Thomas Mann novella called *Mario the Magician*," he said, "which we will do together but won't meet until the end of the movie. Which is kind of weird. It is not a love story or anything like that. It is a very complex novella written by Mann. He wrote it because in the early 30s he joined the Nazi party as most Germans were obliged to do at one point or another." He paused to light up another cigarette and continued. "He joined and left after six months or something because he was so disgusted with it. And he never really purged this guilt from his soul. This book is a kind of process of purging his soul—getting it out of his system." The movie is being directed by Abe Polanski according to McDowell. The director was blacklisted in the early 50s and didn't work under his own name for 23 years. He is famous for writing *Body and Soul*, and both writing and directing *Force of Evil*, (both films featured actor John Garfield). McDowell also said that Thomas Mann, himself actually gave the rights to his novella to



Actor Malcolm McDowell with his wife Mary Steenburgen

Polanski while he was still alive, "he really admired Abe and he is truly an amazing guy."

"But, we would like to work together again," continued McDowell on working with his wife. "we did a film called *Time after Time* which I thought was going to be a hit picture, but it wasn't." They sold the picture as a thriller with Jack the Ripper," he said explaining why he thought the film did poorly. "I read all these market research—that's the bain of Hollywood right now is market research. Intuition of the studio heads seems to be waning. That's a real sad thing, you know, that they rely, or they did rely, I don't know whether that's changed now, but they relied tremendously on market research and what happened was I saw the question, 'Have you ever heard of H.G. Wells?' No. 'Have you ever heard of Jack the Ripper?' Yes. So this movie is about Jack the Ripper and it just killed it stone dead, I mean it just went." The movie consequently did not sell in movie theaters and turned out to be a tremendous hit on cable. "It was a fun movie to do and the thing is now Mary and I know that if we do another film together it better be a hit, because if it isn't they'll never let us work together again."

McDowell said that *Cat People*, which Universal thought was going to be a big hit, was a "disappointment." "*Cat People* fell into the trap of being too sophisticated, rather pretentious if you like. The campaign I thought was pretentious," he said. "You know people can get carried away with what the meaning of life is, and that's ridiculous. It was just a horror movie and that's the way I believe it should have been sold. It was fun to do," he admitted. He went on to say that blaming it on advertising was a very easy thing to do and that it probably would not have sold well in either case.

Director Lindsay Anderson gave McDowell his first break in the film *If...* and since then he has portrayed a number of different characters. Asked which was his favorite part, he suddenly became serious. "Every character that you're working on is your favorite. You know, I always try to like the characters that I play even if they're moral bastards. And I always try to put life into them and energize them and whatever it is I have to do. I mean, I try and play them, those characters, as I would if I were that kind of person. That's really what I try and do. And I always try never to repeat myself if I can. So sometimes you run out of ideas." He paused to brush something off his green mesh shirt and continued, choosing his words carefully, "The more that you do, even though you are gaining more experience, in a sense the harder it becomes because there are certain formulas that you've done and I don't want to rely on that, it's too easy; just to go into something you know that they will like. That's a trap for an actor so it's something to be avoided, I think. So I try to make it fresh, different, and, you know, I'm racking my brains out half the time with some of the characters I do." During his first film, his way of approaching the part was very different. "I think your first big major performance is usually the purest because you're working purely on intuition; you have no technique. You just are that character. And that's it."

"When I came to do *Clockwork Orange*, I wanted to find a style of playing that was almost Shakespearean in a modern sense," he said about the movie in which he portrays a pathetic victim of society, "where it was bigger than life, yet real. Real, but not realistic. See what I mean BIG, really big. Like Richard III. That was

the character that I had in my head was Richard III." He said that he tried to bring in a "human element. It needed that element. Especially in the passage where he is supposedly reformed. And you have to get the sympathy of the audience because you have to like the character, it's as simple as that—otherwise the film is unwatchable. And it was interesting for me because it was an immoral character, a real bastard, you know, and I had to make him really likable. Because if he wasn't you wouldn't go with it. And that was fun for me to do, it was a challenge."

He continued, describing his technique in *Clockwork Orange*. "I wanted to bring to it a style that wasn't sort of naturalistic. If you isolate the various scenes it is ludicrous. It is like the Brechtian theory. My favorite author is Brecht. I love Brecht, the way he works, what he says about drama. In other words, let the audience know that they are watching a movie all the time, but make them believe it anyway. And that is a great challenge. My work has always been loaded on that side. I like to make people believe me even though they know they are watching a movie. I want to give an illusion of not only what this character is, but, also what I think as a person—my philosophy of life." He paused to put out his cigarette. "You know, that first image is really important to me. I want the whole audience to know exactly where this guy is coming from right from the first image. That's very important to me, I want ... a sense of anticipation. And a certain vulnerability if I can."

A Clockwork Orange was directed by Stanley Kubrick and McDowell was asked to contrast he and Anderson. "Lindsay Anderson is a humanist and Stanley is a satirist. Lindsey likes human beings and the human condition. Stanley doesn't think about, he doesn't know humans, he doesn't have a clue; he is an isolated man. His whole existence is one of isolation and suspicion and black ironic comments."

In reference to his desire to return to the stage and do radio plays, McDowell explained, "You know as you get more experienced you are trying to simplify your work, you know simplify, simplify. Because you've got so much experience and so much knowledge you get to a point where you can barely walk and talk at the same time because you know so much." It seems though, that whatever Malcolm McDowell's medium is, he always appears to be enjoying himself. He has brought a great deal of professionalism and dignity to films and stage and it is a great thing to see in performers in this day of cheap acting and fast movies. When he says, "I'm just really trying to be child-like again," it is not hard to believe.

BY JOHN LUCAS



Arts

Trinity Players open season with plenty of laughs

by Allyson Kennedy

Comedy can be rough—not necessarily on the audience, but on the actors. For instance, in some plays like Neil Simon's, the dialogue and plot are so saturated with comedy that the play seems to take shape all by itself. On the other hand, in some plays like *Not Now Darling*, it is up to the cast to tap the comedy. Fortunately, the Trinity Players, being the talented group that they are, are able to wring every last drop of laughter out of this play and render an evening of excellent theatre—and plenty of laughs.

Not Now Darling, by Ray Cooney and John Chapman is a comedy about understandings and misunderstandings, champagne and mistresses, missing lingerie, minks and, of course, infidelity. The action takes place in the salon of Bodley, Bodley and Crouch, an exclusive New York furriers firm.

What begins as a normal day

soon turns into an afternoon that Gilbert Bodley, played by David Adler, and Arnold Crouch, played by Jack Mayo, will never forget. The plot comes complete with an ugly duckling secretary, the out-of-town wife who comes home early, the husband who keeps a mistress (or two), the mistress' husband who also keeps a mistress, a Jewish grandmother type, and the list goes on. The plot is best summed up by Crouch, who in the heat of passionate confusion proclaims, "Oh what an evil web we weave."

The cast of 11 is absolutely brilliant, each playing his part to the hilt. After warming up to the audience a bit, Jack Mayo as the timid Crouch is especially good. In the second act he delivers some of the best lines in the show and a tennis match analogy comes off especially well. Elizabeth Pratt as Miss Tiptale, the secretary, is hilarious. Although her part is not one of the bigger ones, she plays it

as if it was, with her comical gestures and voice inflection, she gets more than her share of laughs. Anne Reynolds Day as Janie McMichael and Lucy Barber as Sue Lawson, both the objects of secret passion, lend just the right amount of giggling and wiggling to their roles and the show.

Not Now Darling opened the eighth season for the Trinity Theatre in Georgetown. Last spring the theatre won the Ruby Griffith Award, presented by the British Embassy Players for best all-around production excellence in Washington area community theatre. The Trinity Players present six productions over the course of a season, two of which are children's shows and one a musical. The quaint theatre on 35th and O St. is a non-profit organization which relies solely on the contributions, energy and enthusiasm of the community.

Through a comical mixture of

cliches, fast-paced action and farce, *Not Now Darling*, manages to poke fun at our own little inadequacies. The Trinity Players provide us with a lighthearted look at the promiscuity and infi-

delity in our modern culture. So why not stroll over to the Trinity Theatre in Georgetown and enjoy the best in Washington's community theatre—laughter is guaranteed!



Gilbert Bodley (David Adler), Arnold Crouch (Jack Mayo) and Janie McMichael (Anne Reynolds Day) in *Not Now Darling* at the Trinity Theatre in Georgetown.

Trisler unleashes mass appeal

by Virginia Kirk

Modern dance with mass appeal is hard to come by. Sometimes the music is strange, sometimes the movements seem awkward or unstructured and at other times the author's meaning or point to the piece is not decipherable.

Yet that was not the case with Joyce Trisler's Danscompany at the Kennedy Center this weekend. The company had five different, varied pieces so there was something there for everyone.

The company began with a piece choreographed by Trisler called *Dance for Six*, which used extensive arm movements set to Antonio Vivaldi's uplifting *La Cetra*. The piece included a wonderful dance with Diane Grumet and the three men in which several exciting extensions and lifts were employed. The duet in this piece was very electric—finally showing some emotion instead of just perfunctory execution of intricate movements—with the couple tantalizing each other.

Diane Grumet danced a solo entitled *Journey* in a white diaphonous gown in which she moved slowly and with restraint within a spotlight, at times trying to break away but always returning. The music was eery.

Four Etudes used music by Igor Stravinsky and was a fun piece. The dancers moved in and out in four separate movements. Although very light-hearted and fairly short, the foot steps here showed the company's talent and skill. The fourth part was the best as Jennifer Blose danced with the men and their execution of ripples, flutters, lifts and circling around each other was very fast paced and exciting to watch.

Ragtime is another playful piece with strange music again by Stravinsky. At times the music would take us back to the roaring

20s and other times the music would have almost an Oriental touch. This piece featured Rebecca Rigert, Elizabeth Roxas and Max Luna III all dressed in black leotards with lines resembling old fashioned long Johns drawn on them. They rolled around and jumped and wrapped themselves around each other. Although they danced well, this piece did not seem to have the intensity of the others.

The piece that ended the program—*Koan*—was long and dramatic and gave two of the company's dancers a real chance to show off. The whole company danced to far-Eastern type music by Stephen Micus. The music was

slow and many of the movements were slow and isolated. The men and women danced around and with each other yet all seemed very detached until Elizabeth Roxas and William Soleau had an incredible duet where they met, made love and then fought. These two dancers were perfectly in sync with each other and watching them was genuinely the highlight of the evening.

The Joyce Trisler Danscompany deserves more fame and it looks as if they will get it in the next couple years if they keep their repertoire as varied and their dancers as well trained as they appeared Thursday evening.



The Joyce Trisler Danscompany, which appeared at the Kennedy Center's Terrace Theatre last weekend.

Big Country: new music to move mountains by

by John Lucas

Big Country is one of those bands that defies categorization. The name evokes images of Saturday morning reruns of *Bonanza*. However, Big Country is unlike anything to ever come out of Nashville.

Although the musicians themselves all come from strong rock and punk backgrounds, the group's true roots, oddly enough, are in Scottish folk music. The resulting blend of new-wave and traditional styles is wonderfully unexpected. Although this description sounds something like The Clash backed up by the Scottish Bagpipe Corps, they are nothing like that. Big Country's songs are incredible mixtures of driving rhythms and slashing guitars married to wild highland jigs.

Big Country's hits, "In a Big Country" and "Fields of Fire" have been lauded by *Rolling Stone* and praised by *Variety*. These songs deserve their reputation, but there are other songs on their first album, *The Crossing*, which are even better and have received no media attention.

Big Country has been compared to the Irish bands U2 and Dexy's Midnight Runners, bands that also combine folk with rock. However, Big Country is different

in many respects. To begin with, both U2 and Dexy's Midnight Runners incorporate folk into modern music whereas Big Country incorporates modern music into folk music. The traditional influences are by far the strongest in Big Country. Secondly, the Midnight Runners and U2 both use a wide variety of instruments to achieve their sound while Big Country is strictly a guitar band. As Stuart Adamson, the band's leader puts it, "I wanted to use them [guitars] as integral, even orchestrated, elements within a song."

Both U2 and Dexy's Midnight Runners have superb vocalists. While innovatively, conceptually and technically Big Country plays some of the best music ever, their vocals are somewhat lacking. Stuart Adamson and Bruce Watson both sing lead vocals in the same drone throughout the album.

The Crossing is Big Country's first album, and undoubtably not their last. So what do you tell your friends when they ask you what sort of music Big Country plays? Stuart Adamson puts it this way, "If you really want me to tell you what we're about, then I'd say Big Country plays stirring, spirited stuff. Music to move mountains by."

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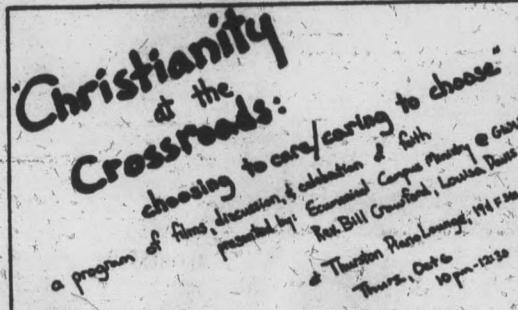
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Bennett speaks on politics

Washington is not a totally immoral city according to the chairman of the National Endowment for the Humanities, William J. Bennett, who spoke at GW last Thursday.

Bennett, a lawyer and former professor of philosophy at Harvard, spoke to a group of law students in a forum sponsored by the GW chapter of the Federalist Society, a national association of law students, faculty members, lawyers and judges concerned about the role of law in the

American political system.

"Not everybody can be bought and sold," Bennett said. "There are pockets of virtue in Washington that don't get a lot of publicity."

"One of the great virtues in America is the sense of the American people and what they're about hasn't changed," he said.

Bennett said that the U.S. Constitution works because of our "ethos, values, and traditions," and added that immigrants continue to come "for the

promises and reality of this country."

Bennett is a prominent Reagan administration spokesman on education and national leader on educational reform. He encouraged the law students to read the Federalist Papers to better understand the Constitution.

The Papers show the "realistic view of human nature" held by the founding fathers, he said. "They were made to last, and they have."

Pamela Porter

Parents' day set for Saturday

Dean of Students, will deliver the Welcoming Remarks from 9:30 to 10:20 a.m.

Parents were sent a pamphlet which outlined the event and asked them to send in a reservation form by Wednesday.

For further information call the Student Activities Office at 676-6555.

News briefs

Women's Network is having a reception to welcome new women to GW today in the Strong Hall piano lounge from 4:30 to 5:30 p.m.

• • •
The Pontchartrain Causeway New Orleans Jazz Band and the Rosebud Ragtime Ensemble will perform at the monthly concert of the Potomac River Jazz Club on Oct. 15.

The concert in the Potomac Room of the Twin Bridges Marriott will begin at 9 p.m. and the two groups will perform in alternating sets until 1 a.m.

The Pontchartrain band will play many old pop tunes of the old New Orleans bands as well as traditional jazz music. The Rosebud group will offer ragtime

favorites and 1904 Broadway numbers.

Admission is \$8. For information, call (703) 532-8723.

• • •
The Kappa Kappa Gamma sorority is sponsoring a fashion show entitled "A Flair for Fashion" to be presented by Lynne Cummings of Saks Fifth Avenue.

The show will be held on Thursday at 7:30 p.m. in the Marvin Center Theatre and will revolve around "dressing for success."

Tickets are \$5, and are on sale daily on the ground floor Marvin Center from 11 a.m. to 1 p.m. Proceeds will go to the Easter Seal Society for Disabled Children and Adults.

• • •
The National Research Council

will award 35 postdoctoral scholarships in a program designed to provide opportunities for continued education experiences for minorities.

In the Ford Foundation sponsored competition, applicants must be U.S. citizens, a member of one of the designated minority groups, teaching or preparing to teach at a college or university, and hold a doctoral degree.

The deadline for application is Jan. 16, 1984. Further information is available from the Fellowship Office, National Research Council, 2101 Constitution Ave. Washington D.C. 20418.

• • •
Sigma Delta Chi, the Society for Professional Journalists, will have an organizational meeting tomorrow at 8:30 p.m. in Stuart 301B to discuss plans for the year.

• • •
The GW Pre-Med and Pre-Health Society will sponsor a lecture on being a pre-med major, the pre-med committee and health professions today from 5 to 6 p.m. in Marvin Center 413.

Mary Finley, studio instructor in violin, will perform the music of Gluck, Kreisler, Bach and Brahms in a faculty recital tonight in the Marvin Center Theatre.

The free concert will begin at 8 p.m.

• • •
An exhibit of faculty publications, including some 30 books and articles by faculty members published during the last year, is on display on the first floor of Gelman Library.

Among the authors featured are professors Ruth A. Bari, Bernard Mergen, Linda Grant DePauw, and Stephen A. Wayne.

The Faculty Senate Research Committee and the library Exhibit Committee are cosponsoring the exhibit, which can be seen through Oct. 21.

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GW responds to NRC

APPEAL, from p. 1
investigators on June 1 and 2.

The NRC licenses GW to use certain radioactive substances—including radium, cesium and iodine—for clinical purposes in the Medical Center.

In a section entitled "Reasons for Violations," Medical Center officials attempted to explain or justify many of the cited violations.

In response to allegations of improper waste disposal, GW officials admitted that one GW staffer "lost a small amount" of sealed Iodine-125, a highly radioactive substance. The Radiation Safety Office "assumed" that the Iodine source "ended up in a landfill, although there is no actual evidence for this loss," the letter said.

The University acknowledged that several of the violations occurred because radiology technicians and staffers disregarded federal rules governing the handling of radioactive substances, including:

- failure to use hand devices that measure levels of radiation while handling radioactive materials. (During the NRC investigation, one student was observed not wearing the hand device. The GW letter stated, "She did, however, have it in her pocket.");
- failure to use protective gloves;
- failure to follow the ban on eating, drinking and smoking in restricted areas;
- failure to dispose of low-level radioactive waste in designated receptacles;
- failure to refrain from mouth pipetting;
- and failure to perform daily surveys for contamination in the Nuclear Medicine division.

In an instance involving the failure to maintain waste release concentrations below federal limits, staffers of the Radiation Safety Office and the Nuclear Medicine division disagreed on the interpretations of federal regulations and each followed their own interpretation.

Regarding the failure to report two diagnostic errors using radioactive materials, the GW letter said that while implementing a new self-inspection program, routine reporting of errors to the NRC was "overlooked."

Many of the NRC's findings of violations were taken out of records from the Radiation Safety Office and not actually observed by NRC investigators, Mark Selikson, Radiation Safety officer, said in an interview Friday. "There's no hiding from the NRC of what's been going on in the past," Selikson commented.

NRC investigators did discover workers eating, drinking and smoking in restricted areas and neglecting to use required safety measures.

University officials will not be taking drastic steps to avoid such violations in the future, but will rely on what is called "in-services"—upgraded educational programs within the departments that are licensed to use radioactive materials, Selikson said.

"Complete education of the obligation aspects to follow a specific protocol will be the an-

swer to ensure that we don't have a repeat of this [the violations] in the future," Selikson commented.

With GW's appeal of its actions in hand, Thomas Murley, NRC regional administrator, will consider the University's request to have the fines withdrawn, Karl

Abram, NRC spokesman, said from NRC's regional office in King of Prussia, Pa., Friday.

"The decision we have to make is based on if their arguments are credible," Abram added. The NRC has no deadline on which to respond, he said.

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Science Update

NASA builds cautious future on 25 years success

NASA, from p. 1

Manned projects of NASA like Mercury, Gemini, Apollo, and now the space shuttle have placed human beings beyond the atmosphere and into space to experiment, to live and to explore. Orbiting the Earth, walking in space, and bounding across the surface of the Moon have all become realities for mankind within the lifetimes of most GW students.

Headquartered in two large government buildings in the L'Enfant Plaza area of Washington, (across from the Air and Space Museum), NASA is planning today for its next 25 years of activity in space. Although its budget has tumbled from a 1960s high of about 3 percent to less than a single percent of the federal budget, NASA is now making a case for the funding of a manned space station to be completed in about 1992, a series of unmanned, low-cost scientific missions to follow-up on its past successes, and some commercially oriented space enterprises.

In the interview with *Science Update* that follows, NASA Administrator James Beggs talks about some of NASA's present and past activities, and outlines the course of developments that NASA may undertake in its next 25 years.

Science Update: NASA has been around 25 years now, and that is a longer time than the average college student has been around. I wonder what the next 25 years will hold for the future of NASA?

Beggs: I think that it will be at least as exciting, and probably more exciting than the first 25 years. In the first 25 years we have seen some pretty enormous advances and adventures. Twelve men have been given the privilege

of exploring the moon. With all of the scientific probes that we have flown, with the beginnings of a more sophisticated study of the solar system and the universe.

But the next 25 years, because we do work from our expanding the horizons and developing our activities from the experience of the past, and we will be beginning, I believe, to truly enter the era when we use space both to continue to expand our knowledge, but also in a very real sense to add to our everyday life in a very commercial and industrial way.

We are all familiar with the communications satellites, the meteorological satellites, navigational satellites, search and rescue satellites, land observation satellites, surveillance satellites. But we are now on the verge of being able to go up and work in the environment of space. With the shuttle we are able to move back and forth to low earth orbit in a more or less routine way—as routine as you can get in operations in space—and we will be starting to work in space, in the sense of truly doing experiments with men and women working in the environment so that we will begin to understand it, in much the same way as our generation, much more than my generation, have come to understand the full meaning of the program.

So I think that the next 25 years will be one of the most exciting periods in the history of technology. Space and the technological revolution that surrounds it, I believe, is probably the thing that the historians will note as being the most significant event, or series of events, which took place during the latter half of the 20th century, and of course on into the 21st century.

Our ability to observe the Earth standing away from it as we did in

the Apollo days I think gave us a perception that we have a very unique and wonderful environment. I think that has to some extent spawned the enormous interest we have now in the environment. I think it has spawned a lot of great interest in making sure that we devote the necessary resources of technology to making sure that we protect our environment. I think it had the effect of realizing how important the technology is, and how useful it is to continue that work so as to deepen our understanding.

But to answer your question more specifically, what is going to happen in the next 25 years, well we can see the next 25 years fairly clearly because 25 years is a short time span in the kinds of things that we do. We don't do anything at NASA or in our associations with the folks in the industry that takes much less than 10 years to accomplish; so when you are talking about 25 years you are talking about two and a half cycles of things which we can do.

We do know now from the programs that we have underway that we are going to gain a much broader understanding of the universe and our solar system because in 1986 when we put the large space telescope up we will have a facility that will enable us to observe the universe and to observe our solar system on a day-by-day, minute-by-minute basis in a much more sophisticated way.

The large space telescope will enable us to peer out seven times further and to see objects 50 times fainter and with 10 times the clarity than ever before with Earth-based instruments. By so doing, we may be able to look out to the edge of the universe, because the astrophysicists



United States

'By the time this current generation of students gets around to working in an area, I think that the world will be open to them, and I think that space will be open to them.'

NASA Administrator James Beggs

speculate that the universe began 14 or 15 billion years ago. Since Earth-based astronomical instruments can peer out two billion light years, seven times that is 14 billion, we will peer out perhaps to the beginning.

We will also be able to observe the planets just as we observed them in flying by close because our telescope will enable us to see the planets with that kind of clarity.

In the last half of this decade we will return to Jupiter with the Galileo mission, where we will put a probe into the Jovian atmosphere and an orbiter around it and be able to sample and learn the chemical composition, as well as what is going on in a dynamic way in the Jovian atmosphere.

We will go back to Venus with a mapper, and we will see if Venus has the same kind of activity going on in the surface as we have here on Earth—that is a number of plates moving relative to one another. We will get a greater insight into what is happening to the environment of Earth with the many scientific probes we will be putting up.

In the latter part of this century we will put up the gamma ray observatory where we will begin to study the high-energy particles which come from exploding stars. The work that is ongoing in the Earth observation will continue, and we are going to learn a great deal more about what makes the weather on the Earth, and more importantly how the Earth is developing in the upper atmosphere from the point of view of the effects of the large amount of particulates we are putting into the atmosphere, as well as the destruction of the rain forests which is going on at a great rate around the world.

So by the end of the decade, by which we will then be through the first ten years of our next 25, we will have expanded our horizons and begun on an understanding of the universe the likes of which we have not had. We will perhaps get a better glimpse, a better understanding of whether any of our neighboring stars have planetary systems. We got the first insight with in one with our IR, the infra-red astronomical ob-

(See NASA, p. 15)

The space shuttle Columbia will fly into space again on October 28 with a scientific payload including Spacelab like the one pictured here.

NASA plans: Moon base, Mars mission, telescope

NASA, from p. 14
servatory, looking at Vega.

With the large space telescope we will perhaps be able to see bodies as large as Jupiter around neighboring stars, and we will be getting an insight as to whether any of our neighboring stars—of which there are several thousands—have solar systems much like our own, and thereby begin to get a feel as to whether there is other intelligent life out there.

All of that within the first ten years—by the end of a ten year period, if we chose to do so, we will probably have an operational space station and we will be living and working in space on a permanent basis, and then using the shuttle as it was designed to be used as transportation back and forth during the long duration experiments at work in a permanent facility. That will take you into the second decade of the next 25 years.

We will be experimenting with and beginning to understand what the true potential, commercial potential and scientific potential, of space is, because like any new field it is only when you get people up there working in the environment that you realize the full potential of a new environment. I think we will develop a lot of new things that we want to do in that period, and we will no doubt expand the space station into a very large facility and make a very substantial research center in space. That will enable us to use things like the large space telescope more efficiently—you can revisit facilities of that type and replace instruments with better instruments as they come into being and can refurbish and maintain.

Eventually, I believe, we will be in a position perhaps by the end of the second decade to start thinking about a manned lunar base. Most likely you would construct that base using robots which by that time will be readily available, and then, as it is capable of supporting human beings, to put people on the base.

The Moon will provide a spectacular platform for further study of the universe and the neighboring bodies in the solar system. It will also enable us to do, using the materials on the Moon, to initiate a manufacturing activity on the Moon and so develop the Moon commercially. By that time we will have large antennae in orbit around the world which will then make possible personal communications to the degree that we have only dreamed of in the comic strips—the Dick Tracy wrist radio, and so forth—sometime in the next 20 years will become a reality.

Then, I believe, by the end of that next 25 years, we will be in a position to undertake manned voyages to some of the neighboring planets; most likely Mars, to begin with, since Mars is a relatively benign environment. But we will have gained an enormous understanding of how we came to be, what this solar system's beginnings were, how it is likely to end, and what the future might hold, and that is about a 25 year



NASA hopes to build a space station like the one envisioned here to create a permanent working environment for space exploration and development.

plan that I just recited to you.

Science Update: In the September issue of IEEE Spectrum, you wrote an article that discussed the next 25 years for NASA, and you stressed that internationalization is going to take place in those 25 years to an extent never before attempted. What types of internationalization are you considering?

Beggs: This program is uniquely international and has been throughout its history. There is hardly a program in NASA that does not have some international collaboration—either they fly an instrument with us or they contribute some piece or part to the system.

For example the shuttle has an arm, a remote manipulator system which was designed, developed and contributed to the program by the Canadians. The space laboratory, which we will fly for the first time at the end of October, is a contribution from the Europeans. So they have contributed and they make those contributions willingly because they know that it returns large benefits to them in terms of technology.

But up until now, up until most recent times, the European, Japanese and other countries' efforts have been largely confined to collaborating either with ourselves or with the Soviets because we have the major programs. They are now reaching a level of being close to equal partners—perhaps not quite yet, their budgets are not as large as ours, but they are sizeable indeed.

My vision of the future includes a great deal more of that international collaboration. I think that we will see, to a large extent, the internationalization of space. It is an environment that is very conducive to that kind of collaboration. In the first place, it is by and large an effort which is peaceful, although there are military im-

plications, I don't want to gloss over that at all. It is, by and large, an arena in which what you are primarily drawing on is mental power, our minds, and we have no monopoly on brains in this country, and I think it is important that as we pursue this adventure that we draw from the best brains around the world.

It is an arena that everyone realizes has very large technological benefits across the board, and each nation wants to be a part of that. We have always considered it as important as we continue to invite other countries to do that, and I think that the future will likely develop in the direction of greater collaboration because what we are doing costs a great deal of money. You don't want to duplicate things which can be used jointly, in a way as to take maximum advantage of it.

So if we move forward with the space station, I would expect that the Europeans and the Japanese would be anxious to collaborate on that rather than to come along and build a duplicate space station on their own. By piggy-backing on ours, they can save both time, money and effort, and at the same time they can contribute to ours and save us money. So that collaboration is important.

Beyond that, is the issue of the very broad collaboration that has taken place in science and the results of our research, where we will get truly revolutionary data from the universe, it is important that that data be made available, and indeed since the Europeans have made a contribution to the large space telescope they are entitled to a certain amount of the observation time on the telescope.

In addition to that we have set up over at the Johns Hopkins University a Space Telescope Institute which will be the repository of all of the data that we get from it, and that will be open to the scientists of the world for their study. So I see the future as holding much more collaboration,

even more than we have had in the past, and we have had a lot in the past.

Science Update: I am interested in your suggestions of NASA working towards the commercialization of space. How do you see that taking place as a process over the next few decades?

industries in the world, is perhaps the outstanding example of it. But many many other things which we take for granted everyday are benefits which come from the space program: everything from solid-state electronics, medical electronics, the computer sciences, and other things have been benefitted significantly. The near-term things though that would use the environment of space are of course the already existing LANDSATs, MET(meteorological) sats, navigational sats, and they will result in a lot of commercialization eventually, as we learn how to use that data.

Our ability to make long-range weather forecasts, which we will become more and more capable of in the near-term, and that will allow, I believe, a significant amount of commercialization. Beyond that, the major uses of the shuttle and the space platforms and the space station when we get up there and work in it. We already know that we have at least one potentially very successful commercial opportunity there with the continuous-flow electrophoresis experiments that MacDonald Douglas and Johnson & Johnson have been conducting. That had already shown tremendous potential, and I believe that over the next five or six years we are going to see a major pharmaceuticals industry develop out of that, and that will come if we provide the necessary facilities for them to develop a commercial potential in space.

There are a number of other



A roving vehicle prospects on Mars by remote control in this artist's concept of a possible NASA mission.

Beggs: When you talk commercialization, it is like any other emotionally charged word, and commercialization is one: it evokes many images in many different minds. To me, the most important aspects of commercialization are the commercialization things which have gone on over the last 25 years and which will expand into the future. They are the uses of our space research and technology in expanding our horizons. There has been a large amount of commercialization as a consequence of what we have done in the past.

Communications satellites, which is one of the fastest growing

materials processing ideas which are kicking around, when given a facility in space will come along. There are, in the metallurgical business many metals which do not alloy in one gee (one Earth gravity,) but which could potentially make alloys in space. Some of those would be very definitely, significantly commercially viable. There are things like materials which we cannot produce in a very pure form here on Earth, things like gallium arsenide, for example, which potentially could be produced in space to high purity, and would be very valuable, on the order of several hundred thousand dollars a pound, if we

(See NASA, p. 17)

Epidemic of rare book thefts bypasses GW

by Andrew P. Molloy
Hatchet Staff Writer

Despite the *Chronicle of Higher Education's* report on a nationwide "epidemic of theft" of rare books and collector materials from college libraries, both the Gelman and Jacob Burns Law Libraries report no thefts of rare books in the past 16 years.

The last known theft was of an original copy of a book on the laws of war published in 1563,

Associate Librarian at the Burns library Robert G. Bidwell said that the book by Pierino Bellai was stolen just after the Law Library moved from Lisner Hall to the present location in 1967.

At the Gelman Library not a single theft of an item from the Special Collections section has been recorded, said Sandra Powers, assistant to the Curator for Special Collections. She said that they (special collections)

"have been lucky" but also credited their vigilance in protecting their collection for the perfect record.

Both the Gelman and Burns libraries keep all their rare materials locked up at all times. The Gelman library signs out materials to students and faculty members but does not allow material to

leave the special collections room on the second floor. The room and the cases where the valuable books are stored are tied to an alarm system and most of the material is kept in a back room accessible only to the staff, Powers said.

At the Burns library Bidwell said there is very little demand for

its rare materials. He said that only a few faculty members have taken advantage of the resources available. The collection includes law digests, encyclopedias, and valuable law guides and books owned by various Supreme Court justices and Francis Scott Key. Many of these books date back to the 17th and 18th centuries.

More black students to vote

(CPS)-If the Rev. Jesse L. Jackson decides to run for president next year, there may be no better place to announce it than any one of the nation's 114 historically-black colleges.

At the nation's largest black campus, the University of the District of Columbia, for example, "I can guarantee you that 90 to 99 percent of the students would vote for him," said Warren Green, president of UDC's student government.

A 15,000 UDC block vote would be no small potatoes, especially in view of how switch of a mere 150 votes in each voting district would have reversed even the Reagan landslide of 1980.

But of even more significance is the extraordinary enthusiasm for a black presidential candidacy on many campuses, where apathy and student unwillingness to vote ultimately wrecked the ambitious college registration drives of Eugene McCarthy, Bobby Ken-

nedy and George McGovern in years past.

Nowhere, moreover, has student participation in presidential politics been thinner than on black campuses.

But things have changed. Just last week, for instance:

At Southern University in Baton Rouge, student Vice President Myron Hubbard led an effort that included an Isley Brothers concert, shuttle buses and candlelight parades. In the end, it helped register some 5,000 students to vote, well over half the university's student body.

At Xavier University in New Orleans, the week included voter registration block parties, lapel stickers, a "second line parade" — an old New Orleans' custom in which revelers march in a raucous parade with a band — and radio disc jockeys offering prizes to people who registered.

"We're really going to pump it," said Craig Shelton, Xavier

student president and head of the National Organization of Black College and University Students.

"When Jesse Jackson spoke here on August 29th," he said, "he took three busloads — 200 students — to be registered. When he spoke at Jackson State, he took two busloads down."

At Tuskegee Institute in Alabama, organizers last week held voter registration activities with its traditional Mardi Gras festival, which included the time-honored pep rally, masquerade ball and fashion show.

"A lot of students here [at Southern] feel very good about a possible Jackson bid," added student President Cleo Fields. "They are definitely ready for it."

Shelton added, "The time is now for a black president. They said the time wasn't right for Frederick Douglass in the late 1800s. They're still saying now is not the time. But if not, when? And if not Jesse, who?"

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Administrator Beggs discusses the future of NASA

NASA, from p. 15

could get them to an extremely pure form. The business of crystallography has been around a long time, I don't know what the potential of that is, but it would certainly something which would be interesting to study.

But beyond that are many many other things, but as I said earlier, until we get up and work in the environment, until we start to understand the potential fully by really living in it and working in it, we will not see the full potential for commercial activity.

Science Update: Would you say that an extensive improvement in university-based, NASA-based and space-based research and development would be a key to increasing the potential of commercialization of space?

Beggs: Yes, I would. And a further expansion of the program that we have had going for many years in the past, NASA still spends three or four hundred million dollars a year with our universities, encouraging and stimulating and helping the research activities of the universities and in the training of graduate students at the university level, we will continue that, and it is from that that we will get the new ideas. It is the young people who have lived with this program all of their lives who will give us the most productive ideas for the future.

Science Update: The new Associate Administrator, Norman Terrel, is working on policy questions of NASA. Do you think that it is important for the future grand vision of NASA be clearly in the minds of the legislators and in the White House?

Beggs: I think that there are a number of things that need to be done, for example there are a lot of different government agencies here in town who, for one reason or another, are concerned with a commercial activity which wants to fly in space. If you want to launch a rocket there are eight or ten different agencies in town who have to be contacted; everybody from the State Department to the FCC to the FAA to NASA to the Commerce Department. In short, there is a proliferation of different responsibilities, and I think from a policy point of view we ought to seek to set a policy and set up a mechanism or procedure that will make it easier for you to get those approvals. You need a lead agency somewhere—I hope that isn't NASA—but to get that kind of activity set up.

There are potentially a number of international issues that are involved with this thing, whether it be the U.N. treaty that exists on the use of space. Whenever we fly in space we must notify the U.N. that we are flying, tell them what we are doing and where we are going. That goes through the State Department, and for commercial activity that sequence should be simplified and made relatively easy way to get a license. There is a the policy question of what body of law governs this activity—since it is flying outside

of the United States there have been some in the government, particularly from the State Department point of view, who have alleged that this is an export, so that this has to be governed by export licensing and all of the other things you get when you go into the export business, that should be simplified.

The question of how they go about doing what they would like to do in whatever area of space, everything from processing cargos to maybe operating the shuttle itself at some future time needs to be sorted through. Government interests in time would handle the prerogatives and urgencies that might be connected with insuring that there was a capacity for the military in an event of an emergency. In short, I think that that is what Norm Terrel is setting about doing with the other folks who sit on that inter-agency committee.

Unfortunately I think that there has been a little too much emphasis given to the expendable launch vehicles themselves. In my view that is small part of the commercialization activity that are going on—the large part are the users who make use of the capacity, but that has to be addressed too, what the government will do to insure that someone who wants to fly an expendable rocket has access to whatever launch facilities he needs: a pad, instrumentation, and the other range services that this agency has long relied on the Air Force to do for us. That needs to be sorted out for when somebody wants to privately launch a rocket. I guess that there are at

least a dozen or so different federal agencies that are concerned with those things and we all have to be brought together and fit into a common framework.

Science Update: Right now freshmen who are coming into universities across the nation are going to be seeing Spacelab I go up with the largest crew and the longest flight and the first international NASA manned flight. They are going to be graduating with STS-52. What message do you have for students like that?

Beggs: By the time they graduate I expect this program will be more open than it has ever been because we will be flying so much that anyone who wants to fly with us may. I expect by the time we fly through the STS-40's and -50's that a lot of people will be flying with us who are not astronauts. I think we will be getting to a period where if an individual has a

specific research objective, if they are interested in doing something in space that is unique and important, they will be able to fly along.

I think that the potential of entering into a new commercial venture, something that will come out of study during their student days, I hope that there will be plenty of opportunity and I sure hope that there will be plenty of venture capital around by reason of the fact that there will have

been some very outstanding and important commercial results by that time. If people like McDonnell Douglas and Johnson & Johnson make a lot of money out of electrophoresis, you're going to get a lot of other people thinking about other things to commercialize. So by the time this current generation of students gets around to working in an area, I think that the world will be open to them, and I think that space will be open to them.

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Waterpolo team 1-6

The GW water polo team went 1-3 this weekend at the Washington and Lee Invitational in Lexington, Va.

The team is now 1-6 as it heads into its Southern Conference schedule, which begins next weekend at Washington and Lee with the first of four zone tournaments. The top two teams in the Southern Conference zone will advance to the Eastern regionals to qualify for the NCAA tournament.

Last weekend GW lost all three of its games at Brown in the Eastern Varsity League tournament against some of the top

teams in the east. The Colonials were beaten by Bucknell, 25-1, then lost consecutive 17-7 decisions to Brown and Harvard.

GW started its weekend with a win over University of North Carolina-Wilmington, 6-5. But the Colonials then lost to Dayton and the Washington and Lee A and B teams to finish the tournament 1-4.

Leading GW was David Blattner with six goals, Carroll Mann had three goals and Rob Scheller and Nick Kyriazi each had two. GW goalie Samer Schalaby played a fine tournament, keeping the Colonials close in each game.

Netters 2nd in CCC

TENNIS, from p. 20

John McConnin with three points. McConnin lost in the semi-finals in the third flight of singles to Jeff James of Howard, 6-2, 6-3. McConnin teamed up with Adam Cohen in the second flight doubles (which includes the number three and number four seeds) in a loss in the doubles finals to Asif Karim and Steve Mitchell of Howard University, 6-4, 6-3.

Not far behind McConnin with two points was Cohen. Cohen, playing in the second flight of singles, lost in the second round to Patriot Dale Young by a score of 5-7, 7-5, 7-6.

Todd Long added one and a

half points to the GW score. Long lost in the first round of play in the first flight of singles to Boris Gabriel of American University, 6-4, 6-4.

Rounding out the GW scoring is Barry Horowitz, who also had one point. Horowitz, who was playing in the second flight of singles, lost his second round match to George Mason opponent Gordon Jackson, 1-6, 6-2, 6-1.

Smith commented that his team played very well for the weekend. "I was really proud of the effort of the team. We really stuck together and I am proud of the team for that. It came down to the wire."

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ATTENTION! It's alive and kicking! Yes come and workout with the GWU TAE-KWON-DO Club! All TAE-KWON-DO Practitioners welcomed! So, come Friday night 4th Floor of Marvin Center. For details call Bill #2078 or J.J. 384-1363. Get in on the kick of the 80's!!

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COME TO A WOMAN'S NETWORK RECEPTION. Welcome new women, make new friends, re-establish connections. Monday Oct. 3, 1983 in the Strong Hall piano lounge, 620 21st St. NW, 130-5:30 PM

GEO PRESENTS an Events meeting, October 3rd, Marvin Center 410 at 8:00PM. All environmentally interested students invited.

HATCHET BUSINESS OFFICE needs morning help with Classified ads and Display Advertising sales-clerical work, clear speaking voice a must. Call as soon as possible. Ask for Jan or Dave 676-7079 or 676-7080, or stop by the office in the Marvin Center room 434.

OBJECTIVIST newspaper organizing. Dave, 13113 Tamarack Silver Spring, MD 20904

Sale-Sale-Sale-Sale

The United Church at 20th and G is having its fall sale, Wednesday and Thursday October 5-6. Items include furniture, pots and pans, jewelry, and much more! A German lunch will be served 11:00AM to 2:00PM and 4:30PM to 6:30PM both days. The sale runs from 10:00AM to 7:00PM. Don't miss it!

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Monday paper..... Fri Noon

Thursday paper.... Wed Noon

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Single insertion

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GW Hatchet Sports

Netters second in CCC tourney

by Judith Evans
Sports Editor

The GW men's tennis team, defending champions of the Capital Collegiate Conference, placed second by one point in this fall's tournament to George Mason.

George Mason ended the two-day event at Georgetown University with 17 points to GW's 16.

Point leader for GW was Tod Gomer, who earned five points for the Colonials. Playing in the third flight of singles, which includes the fifth and sixth seeds, Gomer won the singles title by defeating Jeff James of Howard, 7-6, 6-4. GW Coach Rod Smith said, "If I had to pick a MVP for this tournament it would have definitely been Tod. He played

super."

Gomer teamed up with Barry Horowitz in the third flight of doubles and lost in the finals to Bob Picken and Dave Lambert of George Mason, 4-6, 7-6, 6-3.

Second leading point getter for GW was Troy Margulio who had three and a half points. Margulio, playing in the first flight of singles (includes the number one and number two seeds), lost in the semi-finals to Scott Carpenter of George Mason, 6-4, 6-2. In first flight doubles, Margulio and Todd Long won the doubles title with a defeat of George Mason's Carpenter and Mike Geiger, 6-2, 4-6, 7-6.

Following Margulio in points is (See TENNIS, p. 18)

GW boots U.Va.

The GW women's soccer team upset nationally ranked Virginia 1-0 yesterday for its first win of the season.

Senior striker Heidi Vosbeck scored the only goal of the game, her third of the season, midway through the first half off a free kick from senior Sandy Rex.

Earning the shutout in goal for the Colonials was senior Julie Dunkle, who started at goalkeeper for the first time this season replacing junior Kathy Malone, who was injured in Saturday's 2-0 loss to Radford. Dunkle played the first eight games of the season at midfielder.

Dolan made eight saves in the contest.

The Colonials were in control for most of the first half of the game. GW passed and moved the ball well in the offensive zone. In the second half, the Cavaliers were on the attack, but could not score against the goaltending of Dunkle and the defensive play of seniors Theresa Dolan and Rex, who denied the hosts any good scoring opportunities.

Now 1-7-1, the Colonials will next play Saturday, when they begin the three-day Washington Area Girls Soccer League tournament.

by George Bennett
Managing Editor

A Navy goal with less than two minutes left in regulation gave the Midshipmen a 1-1 tie with the GW men's soccer team Saturday in Annapolis.

Jim Friend got by the Colonial defense and put the ball past GW goalkeeper John Hudnall with only 1:48 to play, erasing a 1-0 lead the Colonials had taken late in the second half. The tie makes the Colonials' record 5-2-3.

"It's disappointing because we could have beaten the team but it's nothing to be embarrassed about because at Navy it's difficult to come up with a win," GW Coach Tony Vecchione said afterward.

GW dominated play Saturday with a 22-9 advantage in shots-on-goal over their hosts. But both teams were scoreless through the first half and remained in a 0-0 tie through most of the second half until Gabe D'Ambrosio scored for GW off an assist from Eric Falk with 15:30 left to play.

But just as GW's sixth win of the season seemed close at hand, Friend shocked the Colonials with his goal and sent the game into

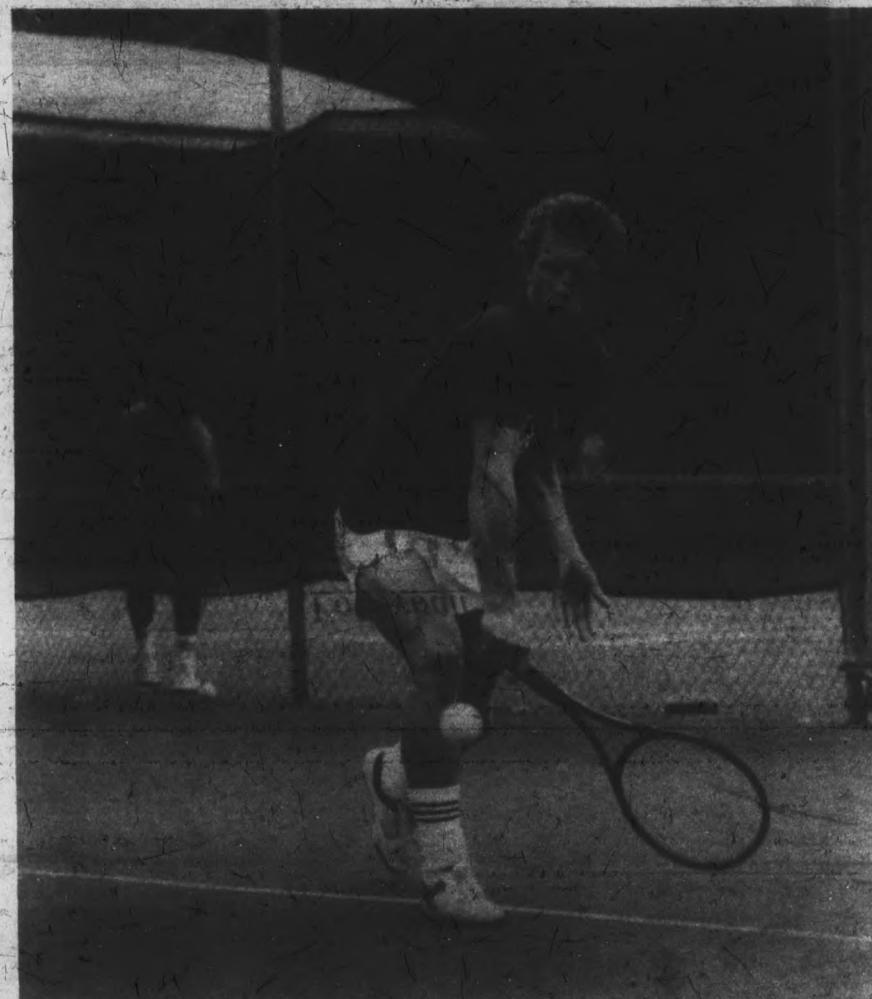


photo by John Hrasar
Troy Margulio, GW number two seed, competes in this weekend's Capital Collegiate Conference tournament at Georgetown. The Colonials were second by a point to George Mason.

Volleyball

Colonials go 1-1

GW's volleyball team won one and lost one this weekend at Rutgers in the Rutgers Invitational Tournament, making the Colonials' record 8-4.

GW beat Pennsylvania on Friday in three straight games, 16-14, 15-12, and 15-8. GW "played well" according to coach Pat Sullivan. Sullivan said she was especially impressed with the play of junior Chris Morris.

On Saturday, GW ran into a tough Rutgers squad that contains five seniors and one junior. GW was thoroughly dominated by the Scarlet Knights in a three-game sweep. Rutgers won 15-6, 15-2, 15-10.

Rutgers dominated for the first two games with the third game being the only close contest. The score was tied at 10 for awhile but Rutgers broke lose and won the match. The Colonial squad was never really able to get anything going against its opponent.

Included in the tournament was Hitachi, the number one team from Japan. This team likens to

the United States Volleyball Association (USVBA). It is open to anyone who tries out and makes the team.

In their match against the Japanese women, the Colonials were beaten at the net.

The Colonials played the Hitachi team and were only able to score six points in the whole contest. The GW team was easily defeated at the hands of their opponents, 15-3, 15-3, 15-0.

According to Sullivan, GW did well over all in the tournament. She noted that setter Karen Thomas ran the offenses very well and the team's serving and passing was "phenomenal."

Events

Tomorrow: Baseball doubleheader at Georgetown, 2 p.m.

Wednesday: Men's soccer against Howard at RFK auxiliary field, 2 p.m.

Men's tennis at University of the District of Columbia, 3 p.m.
Volleyball at Georgetown, 7 p.m.

Late goal by Navy ties GW